

L Number	Hits	Search Text	DB	Time stamp
1	196	((voice or speech\$5) near5 recogni\$5) and gaussian and phoneme and reference and noise\$5	USPAT; US-PGPUB	2004/05/19 13:06
6	105	((voice or speech\$5) near5 recogni\$5) and gaussian and phoneme and reference and nois\$5 and (deviation or variance) and (mean or center) and (compar\$6 or match\$5)	USPAT; US-PGPUB	2004/05/19 13:08
7	71	((voice or speech\$5) near5 recogni\$5) and gaussian and phoneme and reference and adapt\$5 and nois\$5 and (deviation or variance) and (mean or center) and (compar\$6 or match\$5)	USPAT; US-PGPUB	2004/05/19 13:08
-	66300	robust\$4	USPAT; US-PGPUB	2004/05/18 13:19
-	17041	(speech\$2 or voice) adj recognition	USPAT; US-PGPUB	2003/11/14 12:40
-	7303	noise adj suppress\$3	USPAT; US-PGPUB	2003/11/13 08:00
-	622	noise adj model	USPAT; US-PGPUB	2003/11/13 12:10
-	293	parametrization	USPAT; US-PGPUB	2003/11/13 08:01
-	139	noise adj transition	USPAT; US-PGPUB	2003/11/13 08:01
-	2136	noise adj cancellation	USPAT; US-PGPUB	2003/11/13 08:01
-	758	adaptive adj noise	USPAT; US-PGPUB	2003/11/13 08:01
-	381	spectral adj coefficient	USPAT; US-PGPUB	2003/11/13 08:01
-	125	(energy or spectr\$2) near3 in\$1compatib\$5	USPAT; US-PGPUB	2003/11/13 08:01
-	869	mean adj energy	USPAT; US-PGPUB	2003/11/13 08:01
-	440	reference adj space	USPAT; US-PGPUB	2003/11/13 08:01
-	7087	conversion adj table	USPAT; US-PGPUB	2003/11/13 08:01
-	213	temporal adj frame	USPAT; US-PGPUB	2003/11/13 08:01
-	43	shape\$1recogni\$4	USPAT; US-PGPUB	2003/11/13 08:01
-	154865	sampling	USPAT; US-PGPUB	2003/11/13 08:01
-	1	parametrization and (noise adj model) and (noise adj transition) and sampling	USPAT; US-PGPUB	2003/11/13 08:01
-	2	EP-918317-\$.did.	EPO; DERWENT	2003/11/13 14:32
-	1	5706395.pn.	USPAT; US-PGPUB	2003/11/13 08:01
-	5	robust\$4 and ((speech\$2 or voice) adj recognition) and (noise adj suppress\$3) and (noise adj model)	USPAT; US-PGPUB	2003/11/13 08:01
-	51	robust\$4 and ((speech\$2 or voice) adj recognition) and (noise adj model)	USPAT; US-PGPUB	2003/11/13 08:01
-	1	6427134.URPN.	USPAT	2003/11/13 08:01
-	4	6188982.URPN.	USPAT	2003/11/13 08:01
-	50	parametrization and robust\$4	USPAT; US-PGPUB	2003/11/13 08:01
-	1	parametrization and (noise adj model) and (noise adj transition) and matching and sampling	USPAT; US-PGPUB	2003/11/13 08:01
-	2	parametrization and (noise adj model) and sampling	USPAT; US-PGPUB	2003/11/13 08:01
-	2	parametrization and (adaptive near3 noise) and sampling and (cancellation or suppression)	USPAT; US-PGPUB	2003/11/13 08:01
-	37	noise and ((energy or spectr\$2) near3 in\$1compatib\$5)	USPAT; US-PGPUB	2003/11/13 08:01
-	7	((speech\$2 or voice) adj recognition) and (noise adj transition)	USPAT; US-PGPUB	2003/11/13 08:05

-	3490	704/226,227,228,230,231,233,236,240,246,250,257,270,272,280,283,286,288,290,292,294,296,298,300,302,304,306,308,310,312,314,316,318,320,322,324,326,328,330,332,334,336,338,340,342,344,346,348,350,352,354,356,358,360,362,364,366,368,370,372,374,376,378,380,382,384,386,388,390,392,394,396,398,400,402,404,406,408,410,412,414,416,418,420,422,424,426,428,430,432,434,436,438,440,442,444,446,448,450,452,454,456,458,460,462,464,466,468,470,472,474,476,478,480,482,484,486,488,490,492,494,496,498,500,502,504,506,508,510,512,514,516,518,520,522,524,526,528,530,532,534,536,538,540,542,544,546,548,550,552,554,556,558,560,562,564,566,568,570,572,574,576,578,580,582,584,586,588,590,592,594,596,598,600,602,604,606,608,610,612,614,616,618,620,622,624,626,628,630,632,634,636,638,640,642,644,646,648,650,652,654,656,658,660,662,664,666,668,670,672,674,676,678,680,682,684,686,688,690,692,694,696,698,700,702,704,706,708,710,712,714,716,718,720,722,724,726,728,730,732,734,736,738,740,742,744,746,748,750,752,754,756,758,760,762,764,766,768,770,772,774,776,778,780,782,784,786,788,790,792,794,796,798,800,802,804,806,808,810,812,814,816,818,820,822,824,826,828,830,832,834,836,838,840,842,844,846,848,850,852,854,856,858,860,862,864,866,868,870,872,874,876,878,880,882,884,886,888,890,892,894,896,898,900,902,904,906,908,910,912,914,916,918,920,922,924,926,928,930,932,934,936,938,940,942,944,946,948,950,952,954,956,958,960,962,964,966,968,970,972,974,976,978,980,982,984,986,988,990,992,994,996,998,1000	USPAT; US-PGPUB	2003/11/13 08:06
-	776	381/94.1,94.2,94.3,94.7,71.1,71.11,71.12.ccls.	USPAT; US-PGPUB	2003/11/13 08:06
-	1060	708/300,310,322,402,403.ccls.	USPAT; US-PGPUB	2003/11/13 08:07
-	5226	704/226,227,228,230,231,233,236,240,246,250,257,270,272,280,283,286,288,290,292,294,296,298,300,302,304,306,308,310,312,314,316,318,320,322,324,326,328,330,332,334,336,338,340,342,344,346,348,350,352,354,356,358,360,362,364,366,368,370,372,374,376,378,380,382,384,386,388,390,392,394,396,398,400,402,404,406,408,410,412,414,416,418,420,422,424,426,428,430,432,434,436,438,440,442,444,446,448,450,452,454,456,458,460,462,464,466,468,470,472,474,476,478,480,482,484,486,488,490,492,494,496,498,500,502,504,506,508,510,512,514,516,518,520,522,524,526,528,530,532,534,536,538,540,542,544,546,548,550,552,554,556,558,560,562,564,566,568,570,572,574,576,578,580,582,584,586,588,590,592,594,596,598,600,602,604,606,608,610,612,614,616,618,620,622,624,626,628,630,632,634,636,638,640,642,644,646,648,650,652,654,656,658,660,662,664,666,668,670,672,674,676,678,680,682,684,686,688,690,692,694,696,698,700,702,704,706,708,710,712,714,716,718,720,722,724,726,728,730,732,734,736,738,740,742,744,746,748,750,752,754,756,758,760,762,764,766,768,770,772,774,776,778,780,782,784,786,788,790,792,794,796,798,800,802,804,806,808,810,812,814,816,818,820,822,824,826,828,830,832,834,836,838,840,842,844,846,848,850,852,854,856,858,860,862,864,866,868,870,872,874,876,878,880,882,884,886,888,890,892,894,896,898,900,902,904,906,908,910,912,914,916,918,920,922,924,926,928,930,932,934,936,938,940,942,944,946,948,950,952,954,956,958,960,962,964,966,968,970,972,974,976,978,980,982,984,986,988,990,992,994,996,998,1000	USPAT; US-PGPUB	2003/11/13 08:08
-	99	381/94.1,94.2,94.3,94.7,71.1,71.11,71.12.ccls.	USPAT; US-PGPUB	2003/11/13 08:32
-	8	708/300,310,322,402,403.ccls.) and (robustness) and (match\$3 near3 parameter)	USPAT; US-PGPUB	2003/11/13 08:11
-	59	381/94.1,94.2,94.3,94.7,71.1,71.11,71.12.ccls.) and (robustness) and (match\$3 near3 parameter)	USPAT; US-PGPUB	2003/11/13 08:14
-	1	381/94.1,94.2,94.3,94.7,71.1,71.11,71.12.ccls.) and (robustness) and (match\$3 near3 parameter)	USPAT; US-PGPUB	2003/11/13 08:30
-	11	5778342.URPN.	USPAT; US-PGPUB	2003/11/13 08:20
-	4	((speech\$2 or voice) adj recognition) and (noise near3 model) and (spectral adj coefficient) and confidence	USPAT; US-PGPUB	2003/11/13 08:32
-	23	(704/226,227,228,230,231,233,236,240,246,250,257,270,272,280,283,286,288,290,292,294,296,298,300,302,304,306,308,310,312,314,316,318,320,322,324,326,328,330,332,334,336,338,340,342,344,346,348,350,352,354,356,358,360,362,364,366,368,370,372,374,376,378,380,382,384,386,388,390,392,394,396,398,400,402,404,406,408,410,412,414,416,418,420,422,424,426,428,430,432,434,436,438,440,442,444,446,448,450,452,454,456,458,460,462,464,466,468,470,472,474,476,478,480,482,484,486,488,490,492,494,496,498,500,502,504,506,508,510,512,514,516,518,520,522,524,526,528,530,532,534,536,538,540,542,544,546,548,550,552,554,556,558,560,562,564,566,568,570,572,574,576,578,580,582,584,586,588,590,592,594,596,598,600,602,604,606,608,610,612,614,616,618,620,622,624,626,628,630,632,634,636,638,640,642,644,646,648,650,652,654,656,658,660,662,664,666,668,670,672,674,676,678,680,682,684,686,688,690,692,694,696,698,700,702,704,706,708,710,712,714,716,718,720,722,724,726,728,730,732,734,736,738,740,742,744,746,748,750,752,754,756,758,760,762,764,766,768,770,772,774,776,778,780,782,784,786,788,790,792,794,796,798,800,802,804,806,808,810,812,814,816,818,820,822,824,826,828,830,832,834,836,838,840,842,844,846,848,850,852,854,856,858,860,862,864,866,868,870,872,874,876,878,880,882,884,886,888,890,892,894,896,898,900,902,904,906,908,910,912,914,916,918,920,922,924,926,928,930,932,934,936,938,940,942,944,946,948,950,952,954,956,958,960,962,964,966,968,970,972,974,976,978,980,982,984,986,988,990,992,994,996,998,1000	USPAT; US-PGPUB	2003/11/13 08:34
-	1	6445801.near3 model) and (robust or robustness) and confidence	USPAT; US-PGPUB	2003/11/13 09:08
-	1	6445801.URPN.	USPAT	2003/11/13 09:34
-	3	5572623.URPN.	USPAT	2003/11/13 09:35
-	6	pastor-dominique.in.	USPAT; US-PGPUB	2003/11/13 10:28
-	1	(noise adj model)and (reference near5 vector near5 parameter)	USPAT; US-PGPUB	2003/11/13 12:13
-	65	(noise adj model) and (reference) and (vector near5 parameter)	USPAT; US-PGPUB	2003/11/13 12:13
-	29	(US-5706395-\$ or US-6427134-\$ or US-6615170-\$ or US-6327564-\$ or US-6188982-\$ or US-5970446-\$ or US-5848388-\$ or US-5572623-\$ or US-6577997-\$ or US-6269334-\$ or US-6128594-\$ or US-5537647-\$ or US-5991718-\$ or US-6202047-\$ or US-6038528-\$ or US-6381569-\$ or US-5778342-\$ or US-6418411-\$ or US-6272460-\$ or US-6275800-\$ or US-6445801-\$ or US-6633842-\$ or US-6438513-\$ or US-5511009-\$ or US-5337251-\$).did. or (US-20020035471-\$ or US-20020077813-\$ or US-20030055639-\$ or US-20020133345-\$).did.	USPAT; US-PGPUB	2003/11/13 12:48
-	13	((US-5706395-\$ or US-6427134-\$ or US-6615170-\$ or US-6327564-\$ or US-6188982-\$ or US-5970446-\$ or US-5848388-\$ or US-5572623-\$ or US-6577997-\$ or US-6269334-\$ or US-6128594-\$ or US-5537647-\$ or US-5991718-\$ or US-6202047-\$ or US-6038528-\$ or US-6381569-\$ or US-5778342-\$ or US-6418411-\$ or US-6272460-\$ or US-6275800-\$ or US-6445801-\$ or US-6633842-\$ or US-6438513-\$ or US-5511009-\$ or US-5337251-\$).did. or (US-20020035471-\$ or US-20020077813-\$ or US-20030055639-\$ or US-20020133345-\$).did.) and coefficient	USPAT; US-PGPUB	2003/11/13 12:50

-	1	((US-5706395-\$ or US-6427134-\$ or US-6615170-\$ or US-6327564-\$ or US-6188982-\$ or US-5970446-\$ or US-5848388-\$ or US-5572623-\$ or US-6577997-\$ or US-6269334-\$ or US-6128594-\$ or US-5537647-\$ or US-5991718-\$ or US-6202047-\$ or US-6038528-\$ or US-6381569-\$ or US-5778342-\$ or US-6418411-\$ or US-6272460-\$ or US-6275800-\$ or US-6445801-\$ or US-6633842-\$ or US-6438513-\$ or US-5511009-\$ or US-5337251-\$).did. or (US-20020035471-\$ or US-20020077813-\$ or US-20030055639-\$ or US-20020133345-\$).did.) and (cepstrum adj coefficient)	USPAT; US-PGPUB	2003/11/13 12:58
-	1	coefficient near5 (noise adj model) and confidence	USPAT; US-PGPUB	2003/11/13 12:58
-	11	coefficient near5 (noise adj model)	USPAT; US-PGPUB	2003/11/13 12:59
-	103	weight\$3 and match\$3 and (spectral adj coefficient) and noise	USPAT; US-PGPUB	2003/11/13 14:37
-	21	weight\$3 and match\$3 and (spectral adj coefficient) and noise and variance	USPAT; US-PGPUB	2003/11/13 14:39
-	33	weight\$3 and match\$3 and (spectral adj coefficient) and noise and ((speech\$2 or voice) adj recognition)	USPAT; US-PGPUB	2003/11/13 15:20
-	3	704/251.ccls. and (noisy near4 speech adj recognition)	USPAT; US-PGPUB	2003/11/13 15:22
-	35	noisy near3 speech adj recognition	USPAT; US-PGPUB	2003/11/13 15:22
-	32	(US-5706395-\$ or US-6427134-\$ or US-6615170-\$ or US-6327564-\$ or US-6188982-\$ or US-5970446-\$ or US-5848388-\$ or US-5572623-\$ or US-6633842-\$ or US-6577997-\$ or US-6269334-\$ or US-6128594-\$ or US-5537647-\$ or US-5991718-\$ or US-6202047-\$ or US-6038528-\$ or US-6381569-\$ or US-5778342-\$ or US-6418411-\$ or US-6275800-\$ or US-6272460-\$ or US-6445801-\$ or US-6438513-\$ or US-5511009-\$ or US-5337251-\$ or US-5749068-\$).did. or (US-5673364-\$ or US-5655057-\$).did. or (US-20020035471-\$ or US-20030055639-\$ or US-20020077813-\$ or US-20020133345-\$).did.	USPAT; US-PGPUB	2003/11/14 12:32
-	17	((US-5706395-\$ or US-6427134-\$ or US-6615170-\$ or US-6327564-\$ or US-6188982-\$ or US-5970446-\$ or US-5848388-\$ or US-5572623-\$ or US-6633842-\$ or US-6577997-\$ or US-6269334-\$ or US-6128594-\$ or US-5537647-\$ or US-5991718-\$ or US-6202047-\$ or US-6038528-\$ or US-6381569-\$ or US-5778342-\$ or US-6418411-\$ or US-6275800-\$ or US-6272460-\$ or US-6445801-\$ or US-6438513-\$ or US-5511009-\$ or US-5337251-\$ or US-5749068-\$).did. or (US-5673364-\$ or US-5655057-\$).did. or (US-20020035471-\$ or US-20030055639-\$ or US-20020077813-\$ or US-20020133345-\$).did.) and gaussian	USPAT; US-PGPUB	2003/11/14 12:39
-	2	((speech\$2 or voice) adj recognition) and (noise adj model) and (noise\$1suppression)	USPAT; US-PGPUB	2003/11/14 12:49
-	2	((speech\$2 or voice) adj recognition) and (noise\$1suppression) and parametrization	USPAT; US-PGPUB	2003/11/14 12:55
-	11	((speech\$2 or voice) adj recognition) and (noise\$1suppression)	USPAT; US-PGPUB	2003/11/14 12:55

-	32	(US-5749068-\$ or US-5706395-\$ or US-6427134-\$ or US-6615170-\$ or US-6327564-\$ or US-6188982-\$ or US-5970446-\$ or US-5848388-\$ or US-5673364-\$ or US-5655057-\$ or US-5572623-\$ or US-6633842-\$ or US-6577997-\$ or US-6269334-\$ or US-6128594-\$ or US-5537647-\$ or US-5991718-\$ or US-6202047-\$ or US-6038528-\$ or US-6381569-\$ or US-5778342-\$ or US-6418411-\$ or US-6275800-\$ or US-6272460-\$ or US-6445801-\$ or US-5511009-\$).did. or (US-5337251-\$ or US-6438513-\$).did. or (US-20020035471-\$ or US-20030055639-\$ or US-20020077813-\$ or US-20020133345-\$).did.	USPAT; US-PGPUB	2003/11/21 15:03
-	4	((US-5749068-\$ or US-5706395-\$ or US-6427134-\$ or US-6615170-\$ or US-6327564-\$ or US-6188982-\$ or US-5970446-\$ or US-5848388-\$ or US-5673364-\$ or US-5655057-\$ or US-5572623-\$ or US-6633842-\$ or US-6577997-\$ or US-6269334-\$ or US-6128594-\$ or US-5537647-\$ or US-5991718-\$ or US-6202047-\$ or US-6038528-\$ or US-6381569-\$ or US-5778342-\$ or US-6418411-\$ or US-6275800-\$ or US-6272460-\$ or US-6445801-\$ or US-5511009-\$).did. or (US-5337251-\$ or US-6438513-\$).did. or (US-20020035471-\$ or US-20030055639-\$ or US-20020077813-\$ or US-20020133345-\$).did.) and (mel adj frequency) and (cepstral or cepstrum) adj coefficient	USPAT; US-PGPUB	2003/11/21 15:04
-	1	FR-2765715-\$).did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/13 15:41
-	12	((speech\$2 or voice) near3 recogni\$5) and (nois\$3 near3 speech) and (nois\$3 near3 model\$5) and (mfcc or mel\$lcepstr\$4 or (mel near2 cepstr\$4)) and energy and updat\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/13 15:58
-	72	((speech\$2 or voice) near3 recogni\$5) and (nois\$3 near3 speech) and (nois\$3 near3 model\$5) and (spectr\$5 or frequency\$ldomain or (frequency near3 domain)) and energy and updat\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/13 17:07
-	31	((speech\$2 or voice) near3 recogni\$5) and ((nois\$3 near3 speech) or (nois\$3 near3 suppress\$5)) and (nois\$3 near3 model\$5) and energy and (updat\$6 near6 (noise or reference))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/13 17:10
-	31	((speech\$2 or voice) near3 recogni\$5) and ((nois\$3 near3 speech) or (nois\$3 near3 suppress\$5)) and (nois\$3 near3 model\$5) and energy and (updat\$6 near6 noise)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/13 17:39
-	5	((speech\$2 or voice) near3 recogni\$5) and (nois\$3 near3 speech) or (nois\$3 near3 suppress\$5)) and (nois\$3 near3 model\$5) and (updat\$6 near6 reference)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/13 17:45
-	44	((speech\$2 or voice) near3 recogni\$5) and ((nois\$3 near3 speech) or (nois\$3 near3 suppress\$5)) and (updat\$6 near6 reference)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/14 13:49
-	22	("5201004" "5386492" "5416887" "5749068" "5778342" "5793863" "5832430" "5864804" "5960397" "5970446" "6067513").pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/13 18:04
-	6	6026359.URPN.	USPAT	2004/05/14 13:48

-	2	6529872.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/14 13:49
-	4	967228.ap,prai.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/14 14:05
-	24	((voice or speech\$5) near5 recogni\$5) and gaussian and phoneme and (standard near3 deviation) and reference and (nois\$5 near5 speech)	USPAT; US-PGPUB	2004/05/19 13:05